| Ref<br>#  | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|--|---|---------------------|---------|------------------|
| L1        | 2    | (authoriz\$5) with (reduc\$3 or<br>shorten\$3) near2 (power or<br>(cover\$3 with area\$2) or distance)<br>same (transmit\$4 or receiv\$3 or<br>reception) and @ad<"20000804" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/09 16:22 |
| L2        | 2    | "20020016153".pn. and coverage   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/09 18:11 |
| L3        | 44   | (713/176.ccls. or 455/410.ccls. or 455/411.ccls. or 455/435.1.ccls.) and @ad<"20000804" and @pd>"20050110"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/09 18:11 |
| L4        | 44   | L3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/09 18:11 |
| L5        | 24   | l4 and @pd>"20050511"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/08/09 18:11 |
| S1        | 1181 | 713/176.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/10 13:06 |
| S2        | 535  | S1 and @ad<"20000804"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/10 12:15 |
| <b>S3</b> | 60   | radio and mutual adj authentication and @ad<"20000804"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/10 09:44 |

| S4  | 683 | (radio or device or mobile) same<br>authenticat\$3 and (reduc\$3 or<br>shoten\$3) and button and<br>@ad<"20000804" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 10:19 |
|-----|-----|--|---|----|-------|------------------|
| S5  | 328 | S4 and distance  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 09:48 |
| S6  | 115 | S5 and distance same (short\$3 or reduc\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 10:19 |
| S7  | 568 | S4 not S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 10:20 |
| S8  | 21  | S7 and (reduc\$3 or shorten\$3) near range   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF ` | 2005/01/10 10:23 |
| S9  | 21  | S7 and (reduc\$3 or shorten\$3) near (range or distance)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 10:21 |
| S10 | 375 | S7 not S9 and range  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 11:38 |
| S11 | 0   | GB2342010A.pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF   | 2005/01/10 11:38 |

| S12 | 0 | 2342010A.pn.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 11:39 |
|-----|---|------------------------------|---|----|-----|------------------|
| S13 | 6 | cotton.in. and motorola.asn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:01 |
| S14 | 2 | "0691775".pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:02 |
| S15 | 0 | EP0691775.pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:02 |
| S16 | 0 | "AT&T.asn"                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:02 |
| S17 | 2 | "5592533".pn.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:05 |
| S18 | 0 | "050252097".pn.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:05 |
| S19 | 0 | "50252097".pn.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:06 |

| S20 | 0    | JP050252097.pn.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:06 |
|-----|------|--------------------------------------|---|----|-----|------------------|
| S21 | 2    | "5911120".pn.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:06 |
| S22 | 360  | S2 and authenticat\$3                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 12:15 |
| S23 | 697  | 455/410.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:07 |
| S24 | 1127 | 455/411.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:07 |
| S25 | 684  | S24 and @ad<"20000804"               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:08 |
| S26 | 369  | S25 and (power or range or distance) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:19 |
| S27 | 688  | 455/435.1.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:19 |

| S28 | 305 | S27 and @ad<"20000804"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 14:55 |
|-----|-----|---|---|----|-----|------------------|
| S29 | 2   | "5898386".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:24 |
| S30 | 2   | "5802467".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:25 |
| S31 | 2   | "5463659".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 12:19 |
| S32 | 2   | "5097500".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 14:21 |
| S33 | 2   | "5878344".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 14:51 |
| S34 | 2   | "5131038".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 14:52 |
| S35 | 6   | reception adj sensitivity and @ad<"20000804" and power and authenticat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 14:55 |

|     |      | T   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S36 | 2    | "5463659".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 16:22 |
| S37 | 18   | (713/176.ccls. or 455/410.ccls. or 455/411.ccls. or 455/435.1.ccls.) and @ad<"20000804" and @pd>"20050110"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 19:28 |
| S38 | 2    | "5463659".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 12:26 |
| S39 | 1    | S38 and "5"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 10:17 |
| S40 | 1    | S39 and portable with base  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 10:17 |
| S43 | 221  | (registrat\$3 or authenticat\$3) with (reduc\$3 or shorten\$3) with (power or (cover\$3 with area\$2) or distance) and @ad<"20000804"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 12:21 |
| S44 | 83   | (registrat\$3 or authenticat\$3) with (reduc\$3 or shorten\$3) near2 (power or (cover\$3 with area\$2) or distance) and @ad<"20000804"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 12:22 |
| S45 | . 19 | (registrat\$3 or authenticat\$3) with (reduc\$3 or shorten\$3) near2 (power or (cover\$3 with area\$2) or distance) same (transmit\$4 or receiv\$3 or reception) and @ad<"20000804" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 15:19 |

| S46 | 1 | S38 and user | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/09 12:26 |  |
|-----|---|--------------|---|----|-----|------------------|--|
|-----|---|--------------|---|----|-----|------------------|--|